



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

NOTICE OF ALLOWANCE AND ISSUE FEE DUE

MM41/0617

FOLEY & LARDNER
WASHINGTON HARBOUR,
3000 K STREET NW SUITE 300
P O BOX 20696
WASHINGTON DC 20007-8696

APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
08/886,470	07/01/97	018	YOUNG, E	2819 06/17/98
First Named Applicant	TAKAMISAWA, YUICHIRO			

TITLE OF INVENTION
ADAPTIVE TRANSFORM CODING SYSTEM, ADAPTIVE TRANSFORM DECODING SYSTEM
AND ADAPTIVE TRANSFORM CODING/DECODING SYSTEM

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
2 067183-0149	041-051.000	F42	UTILITY	NO	\$1320.00	09/17/98

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT.
PROSECUTION ON THE MERITS IS CLOSED.**

**THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS
APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.**

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If the SMALL ENTITY is shown as YES, verify your
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should be completed and returned. If you are charging the ISSUE FEE to your deposit account, section "4b" of Part
Issue Fee Transmittal should be completed and an extra copy of the form should be submitted.

All communications regarding this application must give application number and batch number.

Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of
maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance
fees when due.**



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08/886,470	07/01/97	010	YOUNG, B	2819 06/17/98

First Named Applicant	TAKAMISAWA, YUICHIRO
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FILE OF VENTION ADAPTIVE TRANSFORM CODING SYSTEM. ADAPTIVE TRANSFORM DECODING SYSTEM AND ADAPTIVE TRANSFORM CODING/DECODING SYSTEM

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
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PATENT AND TRADEMARK OFFICE COPY

(REV. 10-96) Approved for use through 06/30/99. (0651-0033)

U.S. GPO: 1998-437-639/80023



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NO. 08/086,470	FILING DATE 07/01/97	INVENTOR FIRST NAMED INVENTOR	ATTORNEY BOOK NO. 149
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WASHINGTON DC 20007-8696

YOKER EXAMINER

ART UNIT 2819

PAPER NUMBER

06/17/98

DATE MAILED:

#5

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Notice of Allowability

Application No.
08/886,470

Applicant(s)
Takamisawa et al

Examiner
Brian Young

Group Art Unit
2819



All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course.

☒ This communication is responsive to the IDS filed 12/9/97

☒ The allowed claim(s) is/are 1-18

☐ The drawings filed on _____ are acceptable.

☒ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☒ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been

☒ received.

☐ received in Application No. (Series Code/Serial Number) _____

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE **THREE MONTHS** FROM THE "DATE MAILED" of this Office action. Failure to timely comply will result in ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.

☒ Applicant MUST submit NEW FORMAL DRAWINGS

☐ because the originally filed drawings were declared by applicant to be informal.

☒ including changes required by the Notice of Draftsperson's Patent Drawing Review, PTO-948, attached hereto or to Paper No. _____

☐ including changes required by the proposed drawing correction filed on _____, which has been approved by the examiner.

☐ including changes required by the attached Examiner's Amendment/Comment.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

☐ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any response to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE/SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

Attachment(s)

☒ Notice of References Cited, PTO-892

☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). 4

☒ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

☐ Interview Summary, PTO-413

☐ Examiner's Amendment/Comment

☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

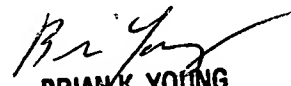
☒ Examiner's Statement of Reasons for Allowance

Art Unit: 2104

1. Claims 1-18 are allowed.
2. The following is an examiner's statement of reasons for allowance: an adaptive transform coding system including a transform means, an analysis means, a quantizing means, a quantization parameter determining means, a selector, a first coding means, a second coding means, a parameter coding means, an adder and a multiplexer, connected and operating as claimed, has not been shown in the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Hanyu et al disclose a typical prior art transform encoder.
4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian Young whose telephone number is (703) 308-1621.


BRIAN K. YOUNG
PRIMARY EXAMINER
GROUP 2100

bky

June 12, 1998